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(71)Applicant : MATSUSHITA ELECTRIC IND CO
LTD

(72)Inventor : **HONDA KUNIO**
UEDA KENICHI
SUGANO ATSUSHI
YAMAGUCHI MASAHIRO
OKAMURA YOSHIMI

(57)Abstract:

CONSTITUTION: The host computer 4 informs the head address and size of a window area to a window control circuit 12 and sets the window in the own address space. Further, a window address conversion register 13 decides that the window area corresponds which area in an actual disc buffer memory 2. The computer 4 gives a window opening and closing command to the circuit 12 to actuate the window function. Further, the command from the computer 4 is fed to an internal control circuit 9. Then the data in the memory 2 is accessed directly by the computer 4 via the window to reduce the access time in the memory 2 thereby speeding up the disc access of the disc access device.

